



Protozoological Abstracts

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Includes List of Source Journals



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The main task of the Information Services, located at the CAB International Centre (CABIC) at Wallingford, is the creation of a bibliographic database of research on agriculture, forestry and allied disciplines, including social sciences and aspects of human medicine. Abstract journals derived from the database, and online access to it, provide a unique source of information for research scientists, development planners, educators and students. Subsidiary but growing tasks are the publication of primary journals and reference works, and training information professionals in developing countries.

The Accessions Unit acquires the relevant scientific and technical literature for abstracting by almost 100 scientists/linguists in the following 11 Bureaux:

Agricultural Economics
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Dairy Science & Technology
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Pastures & Field Crops

Crop Protection
Horticulture & Plantation Crops
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Soils
Forestry

Further material is acquired and processed by collaborating or contracted organizations. Other staff coordinate work on specialized directories and databanks, and commission new books and primary journals. The Publications Unit is responsible for printing the journals and books, and the Marketing & Sales Division promotes and sells Information Services products and services worldwide.

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CAB International Institute of Entomology (CIE), Director Dr K.M. Harris, located at 56 Queen's Gate, London, and in the British Museum, Natural History.

CAB International Mycological Institute (CMI), Director Professor D.L. Hawksworth, located at Ferry Lane, Kew, London, adjacent to the Royal Botanic Gardens.

CAB International Institute of Parasitology (CIP), Director Dr R. Muller, located at Winches Farm, St. Albans, the field station of the London School of Hygiene & Tropical Medicine.

These three Institutes provide an authoritative identification service for agricultural pests and other organisms, conduct research, implement projects, and provide training in their fields of expertise.

CAB International Institute of Biological Control (CIBC), Director Dr D.J. Greathead, has its headquarters at Silwood Park, Ascot, the field station of Imperial College of Science and Technology, University of London. It has stations in Trinidad and Tobago, Switzerland, Pakistan, Kenya and Malaysia. It provides biocontrol services, conducts training, and participates in integrated pest management programmes.

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Library Services, Manager Mr C.J. Hamilton, have their headquarters with CIBC at Silwood Park, where the main Library is held, with additional literature collections at CMI, CIP, CDS and CABIC. Library Services operate a Document Delivery Service.

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The Systems Division provides computing resources and services to all parts of CABI. It maintains a central computing facility with telecommunications access to seven remote sites, including the four CABI Institutes. CABIC is served by a modern Local Area Network which provides access to the computers, and by advanced office automation facilities. The main computers are DEC VAX systems and the principal software systems are BASIS for data management and PAGER for typesetting and information retrieval.

The staff of 20 includes database production personnel, systems analysts, programmers and computer operators. The principal systems are for the production of the CABI bibliographic database and associated functions, plus accessions control, subscription management and electronic publishing.

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Almost 100 scientists/linguists in the 11 Bureaux of CABI's Information Services at Wallingford, UK, with help from associated organizations and individuals worldwide, abstract and index the significant research and development literature in agriculture, forestry and allied disciplines. Over 10,000 serials and many other publications are scanned, and approximately 130,000 bibliographic records are compiled each year. From this computerized database is derived a wide range of information services and products in hard copy and machine-readable form, designed to meet a variety of customer needs.

HARD COPY PRODUCTS

Abstract journals

The following abstract journals on specific disciplines, specialist crops or products, or particular livestock are published, mostly monthly or quarterly. Each has author and subject indexes, cumulated annually in a special issue of the journal.

Animal Science and Production

Animal Breeding Abstracts; Dairy Science Abstracts; Nutrition Abstracts & Reviews, Series B-Livestock Feeds & Feeding; Pig News & Information; Poultry Abstracts.

Veterinary Science and Parasitic Diseases

Helminthological Abstracts; Index Veterinarius; Protozoological Abstracts; Review of Medical & Veterinary Entomology; Review of Medical & Veterinary Mycology; Veterinary Bulletin.

Crop Science and Production

Crop Physiology Abstracts; Faba Bean Abstracts; Field Crop Abstracts; Herbage Abstracts; Horticultural Abstracts; Irrigation & Drainage Abstracts; Maize Abstracts; Ornamental Horticulture; Plant Breeding Abstracts; Plant Growth Regulator Abstracts; Postharvest News and Information; Potato Abstracts; Rice Abstracts; Seed Abstracts; Soils & Fertilizers; Sorghum & Millets Abstracts; Soyabean Abstracts; Sugar Industry Abstracts; Wheat, Barley & Triticale Abstracts.

Also published is a series of current awareness publications (CAB Prompts) on specific crops. Subject indexes are not provided. Titles in the series so far are: *Groundnuts* and *Chickpeas/Pigeonpeas*. In addition, many retrospective compilations of abstracts (Annotated Bibliographies) on various topics are available on demand.

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This is a special SDI service providing subscribers each month with the search results from standard profiles chosen by CABI. Numerous titles are available and the list is regularly updated to reflect new subject interests. Output is available on computer printout posted by airmail.

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CAB ABSTRACTS on Compact Disc

The database is also available on CD-ROM (Compact Disc Read Only Memory). Volume one contains bibliographic citations and abstracts for 1984-86; the second volume contains the 1987-89 data. CD-ROM technology provides an online search capability without the worries of cost or telecommunication problems. An IBM or fully IBM-compatible PC, 640 K RAM, MS-DOS or PC-DOS version 2.1 or higher, and a CD-ROM player are needed. The SPIRS (SilverPlatter Information Retrieval System) software allows maximum search flexibility.

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Books and serial publications

CABI publishes authoritative reference books, directories and serial publications, the latter including *Bulletin of Entomological Research*, *Outlook on Agriculture*, *Index of Current Research on Pigs*, *Distribution Maps of Pests*, *Distribution Maps of Plant Diseases*, *Bibliography of Systematic Mycology*, *Descriptions of Pathogenic Fungi & Bacteria*, *Index of Fungi*, and *Systema Ascomycetum*. CABI is a co-sponsor of the International Food Information Service which publishes *Food Science & Technology Abstracts*.

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Onchocerciasis Research Unit

The Onchocerciasis Research Unit is funded by (1) the World Health Organisation to work on drug discovery and development as part of a major programme to produce new drugs for the safe and effective treatment of human onchocerciasis (River Blindness), and (2) the Edna McConnell Clark Foundation to develop a vaccine to prevent infection with *Onchocerca*.

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Tropical Plant Nematology Advisory and Research Unit

The unit gives practical advice on plant-parasitic nematode problems and their control, and undertake research contracts both overseas and at the Institute.

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CIP houses extensive reference collections of both animal helminths and plant-parasitic nematodes, the collections of several eminent helminthologists, and is the WHO Collaborating Centre for the Filarioidea. It is also a recognised repository for type specimens.

Books

Latest titles: Siddiqi, M.R. 1986 Tylenchida; Parasites and Insects 645pp. 166 illus. ISBN 0 85198 554 8

Gibbons, L.M. 1986 SEM Guide to Morphology of Nematode Parasites of Vertebrates 200 pp. 443 illus.

ISBN 0 85198 569 6

Jepson S.B. 1987 Identification of Root-Knot Nematodes (*Meloidogyne* species) x + 265pp. inc. illus. & figs.

ISBN 0 85198 556 4

Muller, R. & Horsburgh, R.C.R. 1987 Bibliography of Onchocerciasis (1841-1985) 468pp.

ISBN 0 85198 604 8

Training Courses

Six-week intensive international training courses on animal helminth parasites and plant-parasitic nematodes are held in alternate years.

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For further information contact B. Pedersen BA,ALA

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The purposes of the citations and abstracts are to enable readers to: identify documents containing information of relevance and importance to their interests; keep themselves informed of the progress of current work; decide whether or not they need to see original documents. Photocopies of most items abstracted are available through C.A.B International's Document Delivery Service (see request form in this journal). The titles and abstracts in this journal have been added to the CAB ABSTRACTS database which is available for current and retrospective online searches.

In a typical entry the name(s) of the author(s) is followed by the title of the paper in English. If the original paper is not written in English then a translation of the title is enclosed in square brackets and the title of the original language follows (except for Arabic, Chinese, Japanese, etc). Cyrillic characters are transliterated for book titles but not for titles of papers. The unabbreviated journal title is given next (transliterated or romanised if necessary). The year of issue in round brackets, volume number, part number in round brackets, and first and last page numbers of the article complete the basic citation.

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The address cited for an abstract normally refers to the first author and is usually the place where the work was carried out.

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ABBREVIATIONS FOR LANGUAGES

An initial capital letter denotes the language of the paper, an initial small letter the language of a summary.

Afrikaans	Af	Finnish	Fi	Malay, Bahasa Malaysia	My
Albanian	Al	French	Fr	Dutch, Flemish	Ne
Arabic	Ar	Greek	Gr	Norwegian	No
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Esperanto	Eo	Lithuanian	Li	Tajik	Ta
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 China, Malaria Commission, Committee of Medical Sciences 1971
 Chinese Journal of Microbiology and Immunology 2429
 Chinese Journal of Parasitology and Parasitic Diseases 908
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 European Federation of Parasitologists 2758
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 National Institute for Medical Research 1969
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Many other serials were scanned during 1989 but no relevant articles were selected. A full list of all the serials scanned for items suitable for abstracting for the CAB ABSTRACTS database and the whole range of CABI's abstract journals is given in the *CAB International Serials Checklist, 1988 edition*. The publication includes ISSNs and publishers' addresses. See a separate page of this Index for details.

- AAV Today
 Abstracts of the Annual Meeting of the American Society for Microbiology
 ACIAR Proceedings Series, Australian Centre for International Agricultural Research
 Acta Alimentaria
 Acta Anaesthesiologica Scandinavica
 Acta Cytologica
 Acta Gastro-Enterologica Belgica
 Acta Leidensia
 Acta Medica Scandinavica
 Acta Ophthalmologica
 Acta Parasitologica Lituanica
 Acta Parasitologica Polonica
 Acta Pharmaceutica Suecica
 Acta Pharmacologica Sinica
 Acta Protozoologica
 Acta Scientiarum Naturalium Universitatis Sunyatseni
 Acta Tropica
 Acta Universitatis Carolinae, Biologica
 Acta Veterinaria Brno
 Acta Veterinaria et Zootechnica Sinica
 Acta Veterinaria Hungarica
 Acta Veterinaria Scandinavica
 Acta Zoologica et Pathologica Antverpiensia
 Agri-Practice
 Agribusiness Worldwide
 Agricultural and Biological Chemistry
 Agro-Ciencia
 AIDS
 Allergologia et Immunopathologia
 Allergy
 American Family Physician
 American Journal of Clinical Pathology
 American Journal of Emergency Medicine
 American Journal of Epidemiology
 American Journal of Gastroenterology
 American Journal of Infection Control
 American Journal of Medicine
 American Journal of Obstetrics and Gynecology
 American Journal of Ophthalmology
 American Journal of Pathology
 American Journal of Public Health
 American Journal of Roentgenology
 American Journal of Surgical Pathology
 American Journal of Tropical Medicine and Hygiene
 American Journal of Veterinary Research
 American Midland Naturalist
 American Scientist
 American Zoologist
 Anais da Escola Superior de Medicina Veterinária, Lisboa
 Anales de la Facultad de Veterinaria de León
 Angewandte Parasitologie
 Animal Technology
 Annales Agriculturae Fenniae
 Annales de Dermatologie et de Vénérologie
 Annales de l'Institut Pasteur, Immunology
 Annales de la Société Belge de Médecine Tropicale
 Annales de Médecine Vétérinaire
 Annales de Parasitologie Humaine et Comparée
 Annales de Recherches Vétérinaires
 Annales des Sciences Naturelles, Zoologie et Biologie Animale
 Annali Italiani di Dermatologia Clinica e Sperimentale
 Annals of Clinical and Laboratory Science
 Annals of Emergency Medicine
 Annals of Internal Medicine
 Annals of Ophthalmology
 Annals of the New York Academy of Sciences
 Annals of the Rheumatic Diseases
 Annals of Tropical Medicine and Parasitology
 Annals of Tropical Paediatrics
 Annual Review of Ecology and Systematics
 Annual Review of Immunology
 Annual Review of Microbiology
 Annual Review of Public Health
 Antimicrobial Agents and Chemotherapy
 APMIS (Acta Pathologica, Microbiologica et Immunologica Scandinavica)
 Applied and Environmental Microbiology
 Aquaculture
 Arab Gulf Journal of Scientific Research, B (Agricultural and Biological Sciences)
 Archiv der Pharmazie
 Archiv für Geflügelkunde
 Archiv für Protistenkunde
 Archiva Veterinaria
 Archives de l'Institut Pasteur de Madagascar
 Archives Françaises de Pédiatrie
 Archives of Biochemistry and Biophysics
 Archives of Dermatology
 Archives of Disease in Childhood
 Archives of Emergency Medicine
 Archives of Internal Medicine
 Archives of Ophthalmology
 Archives of Pathology and Laboratory Medicine
 Archives Roumaines de Pathologie Expérimentale et de Microbiologie
 Archivio Veterinario Italiano
 Archivos de Investigación Médica
 Archivos de Medicina Veterinaria, Chile
 Arkhiv Patologii
 Arquivo Brasileiro de Medicina Veterinária e Zootecnia
 Arquivos Brasileiros de Cardiologia
 Arquivos de Gastroenterologia
 Arquivos Fluminenses de Medicina Veterinária
 Ars Veterinaria
 Arzneimittel-Forschung
 Asian Medical Journal
 Asian Pacific Journal of Allergy and Immunology
 ASM News
 Assiut Veterinary Medical Journal
 Atemwegs- und Lungenkrankheiten
 Australian and New Zealand Journal of Medicine
 Australian Journal of Chemistry
 Australian Journal of Marine and Freshwater Research
 Australian Journal of Zoology
 Australian Paediatric Journal
 Australian Veterinary Journal
 Avian Diseases
 Avian Pathology
 Bacteriologia, Virusologia, Parazitologia, Epidemiologia
 Bangladesh Journal of Zoology
 Bangladesh Medical Journal
 Bangladesh Veterinarian
 Behavioral Ecology and Sociobiology
 Bio/Technology
 Biochemical and Biophysical Research Communications
 Biochemical Journal
 Biochemical Pharmacology
 Biochemical Society Transactions
 Biochemistry and Cell Biology
 Biochemistry International
 Biochemistry, USA
 Biochemistry, USSR
 Biochimica et Biophysica Acta, G (General Subjects)
 Biochimica et Biophysica Acta, L (Lipids and Lipid Metabolism)
 Biochimica et Biophysica Acta, M (Biomembranes)
 Biochimie
 Biofutur
 Biológia, Czechoslovakia
 Biological Trace Element Research
 Biologicheskii Zhurnal Armenii
 Biológico
 Biology of the Cell
 Biomedica Biochimica Acta
 Biomedicine & Pharmacotherapy

- BioScience
 Biosystems
 Biotechnology and Applied Biochemistry
 Blood
 Boletim de Pesquisa, Centro de Pesquisa Agropecuária do Trópico
 Umido, EMBRAPA, Brazil
 Boletim do Instituto de Pesquisas Veterinárias Desidério Finamor
 Boletín de la Oficina Sanitaria Panamericana
 Bratislavské Lekárske Listy
 Brazilian Journal of Medical and Biological Research
 British Journal of Clinical Pharmacology
 British Journal of Dermatology
 British Journal of Haematology
 British Journal of Psychiatry
 British Journal of Rheumatology
 British Journal of Surgery
 British Medical Journal
 British Poultry Science
 British Veterinary Journal
 Buletinul Institutului Agronomic Cluj-Napoca, Zootehnie și
 Medicină Veterinară
 Bulletin de l'Académie Nationale de Médecine, France
 Bulletin de l'Académie Vétérinaire de France
 Bulletin de la Société de Pathologie Exotique et de ses Filiales
 Bulletin des G.T.V.
 Bulletin Épidémiologique Hebdomadaire
 Bulletin Mensuel de la Société Vétérinaire Pratique de France
 Bulletin of Animal Health and Production in Africa
 Bulletin of Endemic Diseases
 Bulletin of Experimental Biology and Medicine
 Bulletin of National Research Institute of Aquaculture, Japan
 Bulletin of the Institute of Maritime and Tropical Medicine in
 Gdynia
 Bulletin of the Institute of Zoology, Academia Sinica, Taiwan
 Bulletin of the New York Academy of Medicine
 Bulletin of the Nippon Veterinary and Zootechnical College
 Bulletin of the Society of Vector Ecologists
 Bulletin of the World Health Organization
 Byulleten' Vsesoyuznogo Instituta Éksperimental'noi Veterinari
 Cahiers ORSTOM, Entomologie Médicale et Parasitologie
 California Fish and Game
 Canadian Entomologist
 Canadian Journal of Cardiology
 Canadian Journal of Fisheries and Aquatic Sciences
 Canadian Journal of Microbiology
 Canadian Journal of Ophthalmology
 Canadian Journal of Veterinary Research
 Canadian Journal of Zoology
 Canadian Medical Association Journal
 Canadian Veterinary Journal
 Cancer Research
 Cancer, USA
 Carbohydrate Research
 Cardiovascular Research
 Cell
 Cell Biochemistry and Function
 Cell Biology International Reports
 Cell Biophysics
 Cell Motility and the Cytoskeleton
 Cellular and Molecular Biology
 Cellular Immunology
 Centaur
 Central African Journal of Medicine
 Československá Dermatologie
 Československá Epidemiologie, Mikrobiologie, Imunologie
 Československá Farmacie
 Cheiron
 Chemical & Pharmaceutical Bulletin
 Chemotherapy
 Chest
 Chinese Journal of Biological Control
 Chinese Journal of Epidemiology
 Chinese Journal of Microbiology and Immunology
 Chinese Journal of Parasitology and Parasitic Diseases
 Chinese Journal of Rabbit Farming
 Chinese Journal of Veterinary Medicine
 Chinese Journal of Veterinary Science and Technology
 Chinese Medical Journal
 Chronobiology International
 Clinica Chimica Acta
 Clinica Veterinaria
 Clinical and Experimental Immunology
 Clinical and Laboratory Haematology
 Clinical Cardiology
 Clinical Immunology and Immunopathology
 Clinical Microbiology Reviews
 Clinical Nephrology
 Clinical Nuclear Medicine
 Clinical Pharmacy
 Clinical Respiratory Physiology
 Clinical Transplantation
 Clinics in Chest Medicine
 Comparative Biochemistry and Physiology, A (Comparative
 Physiology)
 Comparative Biochemistry and Physiology, B (Comparative
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 Comparative Biochemistry and Physiology, C (Comparative Pharma-
 cology and Toxicology)
 Comparative Immunology, Microbiology and Infectious Diseases
 Compendium on Continuing Education for the Practicing
 Veterinarian
 Comptes Rendus de l'Académie des Sciences, III (Sciences de la
 Vie)
 Comptes Rendus des Séances de la Société de Biologie et de ses
 Filiales, France
 Contraception-Fertilité-Sexualité
 Copeia
 Cornea
 Cornell Feline Health Center Information Bulletin
 Cornell Veterinarian
 Courier, Belgium
 Cuni-Sciences
 Current Microbiology
 Current Research, University of Agricultural Sciences, Bangalore
 Current Science, India
 Current Therapeutic Research
 Current Topics in Microbiology and Immunology
 Current Topics in Vector Research
 Cutis
 Deltion tes Ellēnikēs Ktēniatrikēs Etaireias
 Dermatologica
 Deutsche Medizinische Wochenschrift
 Developmental and Comparative Immunology
 Diabetes Research
 Diabetes Research and Clinical Practice
 Diagnostic Cytopathology
 Diagnostic Microbiology and Infectious Disease
 Digestive Diseases and Sciences
 Diseases of Aquatic Organisms
 Dissertation Abstracts International, B (Sciences and Engineering)
 Doga, Veterinerlik ve Hayvancılık
 Doklady Akademii Nauk SSSR
 Drug Intelligence and Clinical Pharmacy
 Drug Metabolism and Disposition
 East African Medical Journal
 Eesti NSV Teaduste Akadeemia Toimetised, Bioloogia
 EMBO Journal
 Endocrinology
 Entomologia Experimentalis et Applicata
 Entomon
 Entomophaga
 Environment and Ecology
 Environmental Entomology
 Environmental Pollution
 Environmental Technology Letters
 Epidemiologic Reviews
 Epidemiology and Infection
 Ethiopian Medical Journal
 European Journal of Biochemistry
 European Journal of Cell Biology
 European Journal of Clinical Microbiology & Infectious Diseases
 European Journal of Clinical Pharmacology
 European Journal of Epidemiology
 European Journal of Immunology
 European Journal of Medicinal Chemistry
 European Journal of Protistology
 Evolution
 Experientia
 Experimental and Molecular Pathology
 Experimental Animals (Jikken Dobotsu)
 Experimental Cell Research
 Experimental Parasitology
 Eye
 FEBS Letters
 Fish Pathology
 Fishery Bulletin
 Folia Microbiologica
 Folia Parasitologica
 Food and Chemical Toxicology
 Forstwissenschaftliches Centralblatt
 Fundamental and Applied Toxicology
 Gastroenterology
 Gastrointestinal Radiology
 GEN
 Gene
 Genitourinary Medicine
 Giornale di Malattie Infettive e Parassitarie
 Goat Veterinary Science Journal
 Göttinger Beiträge zur Land- und Forstwirtschaft in den Tropen und
 Subtropen
 Gut
 Harefuah

- Hautarzt
 Health Policy and Planning
 Hirosaki Medical Journal
 Histopathology
 Hospital Practice
 Human Toxicology
 Hybridoma
 ILRAD Reports
 IMA Journal of Mathematics Applied in Medicine and Biology
 Immunobiology
 Immunological Investigations
 Immunology
 Immunology Letters
 Immunology Today
 Impact of Science on Society
 In Practice
 Index to Theses Accepted for Higher Degrees in the Universities of
 Great Britain and Ireland
 Indian Journal of Animal Production and Management
 Indian Journal of Animal Sciences
 Indian Journal of Biochemistry and Biophysics
 Indian Journal of Entomology
 Indian Journal of Experimental Biology
 Indian Journal of Malariology
 Indian Journal of Medical Research
 Indian Journal of Parasitology
 Indian Journal of Veterinary Medicine
 Indian Veterinary Journal
 Indian Veterinary Medical Journal
 Industrie Alimentari
 Infection
 Infection and Immunity
 Informe Agropecuario
 Insect Science and its Application
 Interciencia
 International Journal for Parasitology
 International Journal for Vitamin and Nutrition Research
 International Journal of Animal Sciences
 International Journal of Biochemistry
 International Journal of Cardiology
 International Journal of Dermatology
 International Journal of Immunopharmacology
 International Journal of Peptide and Protein Research
 International Journal of Pharmaceutics
 Internist, German Federal Republic
 Investigative Ophthalmology and Visual Science
 Iraqi Journal of Agricultural Sciences, "ZANCO"
 Irish Veterinary Journal
 Israel Journal of Medical Sciences
 Israel Journal of Veterinary Medicine
 Israel Journal of Zoology
 Italian Journal of Neurological Sciences
 Izvestiya Akademii Nauk Azerbaidzhanskoi SSR, Biologicheskii
 Nauki
 Izvestiya Akademii Nauk Turkmenskoi SSR, Biologicheskikh Nauk
 Izvestiya Sibirskogo Otdeleniya Akademii Nauk SSSR, Biologicheskikh
 Nauk
 Japanese Journal of Medical Science and Biology
 Japanese Journal of Parasitology
 Japanese Journal of Sanitary Zoology
 Japanese Journal of Tropical Medicine and Hygiene
 Japanese Journal of Veterinary Research
 Japanese Journal of Veterinary Science
 Journal of Neuroimmunology
 Journal Français d'Ophtalmologie
 Journal of Agriculture and Water Resources Research, Animal
 Production
 Journal of Animal Science
 Journal of Antibiotics
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 Journal of Applied Ichthyology
 Journal of Bengal Natural History Society
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 Journal of Diarrhoeal Diseases Research
 Journal of Environmental Health
 Journal of Equine Veterinary Science
 Journal of Ethnopharmacology
 Journal of Experimental Medicine
 Journal of Experimental Zoology
 Journal of Fish Biology
 Journal of Fish Diseases
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 Journal of Freshwater Ecology
 Journal of General Microbiology
 Journal of Heart Transplantation
 Journal of Hospital Infection
 Journal of Immunological Methods
 Journal of Immunology
 Journal of Infection
 Journal of Infectious Diseases
 Journal of Interferon Research
 Journal of Invertebrate Pathology
 Journal of Jiangsu Agricultural College
 Journal of Leukocyte Biology
 Journal of Lipid Research
 Journal of Liquid Chromatography
 Journal of Medical Entomology
 Journal of Medical Microbiology
 Journal of Medical Primatology
 Journal of Medicinal Chemistry
 Journal of Microbiological Methods
 Journal of Molecular Biology
 Journal of Nanjing Agricultural University
 Journal of Natural History
 Journal of Natural Products
 Journal of Nuclear Medicine
 Journal of Nutrition
 Journal of Parasitology
 Journal of Pediatric Gastroenterology and Nutrition
 Journal of Pharmaceutical Sciences
 Journal of Pharmacobio-Dynamics
 Journal of Pharmacy and Pharmacology
 Journal of Physiology
 Journal of Protozoology
 Journal of Rheumatology
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 Journal of Small Animal Practice
 Journal of Stored Products Research
 Journal of Submicroscopic Cytology and Pathology
 Journal of Surgical Oncology
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 Journal of the American Mosquito Control Association
 Journal of the American Osteopathic Association
 Journal of the American Veterinary Medical Association
 Journal of the Andaman Science Association
 Journal of the Australian Entomological Society
 Journal of the Chinese Society of Veterinary Science
 Journal of the Egyptian Society of Parasitology
 Journal of the Egyptian Veterinary Medical Association
 Journal of the Food Hygienic Society of Japan
 Journal of the Formosan Medical Association
 Journal of the Indian Medical Association
 Journal of the Japan Veterinary Medical Association
 Journal of the Japanese Association for Infectious Diseases
 Journal of the Medical Association of Thailand
 Journal of the National Medical Association
 Journal of the Royal College of General Practitioners
 Journal of the Royal Society of Medicine
 Journal of the South African Veterinary Association
 Journal of Theoretical Biology
 Journal of Tropical Medicine and Hygiene
 Journal of Veterinary Internal Medicine
 Journal of Veterinary Medicine, B (Infectious Diseases, Immunol-
 ogy, Food Hygiene, Veterinary Public Health)
 Journal of Veterinary Pharmacology and Therapeutics
 Journal of Wildlife Diseases
 Journal, Association of Official Analytical Chemists, USA
 Kajian Veterinar
 Kerala Journal of Veterinary Science
 Klinische Monatsblätter für Augenheilkunde
 Korean Journal of Parasitology
 Korean Journal of Veterinary and Public Health
 Krolikovodstvo i Zverovodstvo
 Laboratornoe Delo
 Laboratory Animal Science
 Laboratory Animals
 Laboratory Medicine
 Lancet
 Letters in Applied Microbiology
 Lietuvos TSR Mokslų Akademijos Darbai, C (Biologijos Mokslai)
 Livestock Adviser
 Lohmann Information
 Madras Agricultural Journal
 Maghreb Vétérinaire
 Magyar Allatorvosok Lapja
 Manifestari Stiintifice de Institutul Agronomic Cluj si Societa de
 Medicina Veterinara Cluj
 Mathematical Biosciences
 Médecine d'Afrique Noire

- Médecine et Maladies Infectieuses
 Médecine Tropicale
 Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent
 Medical and Veterinary Entomology
 Medical Clinics of North America
 Medical History
 Medical Journal of Australia
 Medical Journal of Malaysia
 Medical Microbiology and Immunology
 Medical Science Research
 Medicina Clínica
 Medicina Veterinaria
 Medicina, Argentina
 Medicina, Rivista della Enciclopedia Medica Italiana
 Medicinal & Aromatic Plants Abstracts
 Meditsinskaya Parazitologiya i Parazitarnye Bolezni
 Medizinische Klinik
 Medycyna Weterynaryjna
 Memórias do Instituto Oswaldo Cruz
 Microbiological Reviews
 Microbiological Sciences
 Microbios
 Microbios Letters
 Microchemical Journal
 Mikrobiologija
 Military Medicine
 Mississippi Veterinary Journal
 Mitteilungen der Deutschen Gesellschaft für Allgemeine und Angewandte Entomologie
 Mitteilungen der Österreichischen Gesellschaft für Tropenmedizin und Parasitologie
 Molecular and Biochemical Parasitology
 Molecular and Cellular Biochemistry
 Molecular and Cellular Biology
 Molecular and General Genetics
 Molecular Biology and Medicine
 Molecular Biology Reports
 Molecular Pharmacology
 Monatshefte für Veterinärmedizin
 Mosquito-Borne Diseases Bulletin
 Mount Sinai Journal of Medicine
 Mutation Research
 Natural History
 Nature, UK
 Nauchnye Doklady Vysshe Shkoly Biologicheskije Nauki, Moscow
 Nederlands Tijdschrift voor Geneeskunde
 Nervenarzt
 Nestlé Nutrition Workshop Series
 Neurology
 New England Journal of Medicine
 New Scientist
 New York State Journal of Medicine
 New Zealand Journal of Experimental Agriculture
 New Zealand Journal of Zoology
 New Zealand Medical Journal
 New Zealand Veterinary Journal
 Newsletter, Centre for Tropical Veterinary Medicine, University of Edinburgh
 Nigerian Journal of Entomology
 Norsk Veterinærtidsskrift
 North Central Journal of Agricultural Economics
 Nucleic Acids Research
 Obiettivi e Documenti Veterinari
 Obstetrics and Gynecology, USA
 Öffentliche Gesundheitswesen
 Onderstepoort Journal of Veterinary Research
 Ophthalmic Surgery
 Ophthalmology
 Oral Surgery, Oral Medicine and Oral Pathology
 Orvosi Hetilap
 Outlook on Agriculture
 Oxford Surveys in Evolutionary Biology
 Parasite Immunology
 Parasitology
 Parasitology Research
 Parasitology Today
 Parassitologia
 Parazitologiya
 Pashudhan
 Pathologie Biologie
 Pathology Research and Practice
 Pediatric Infectious Disease Journal
 Pediatrics, USA
 Pédiatrie
 Penyakit Hewan
 Peptides
 Peradarstvo
 Periodicum Biologorum
 Peritoneal Dialysis International
 Perspectives in Biology and Medicine
 Pertanika
 Pesquisa Agropecuária Brasileira
 Pesticide Science
 Pet's Ciencia
 Pharmacology & Toxicology
 Pharmacotherapy
 Pharmazie
 Philosophical Transactions of the Royal Society of London, B (Biological Sciences)
 PHLS Microbiology Digest
 Photochemistry and Photobiology
 Planta Medica
 Point Vétérinaire
 Polski Tygodnik Lekarski
 Postgraduate Doctor, Middle East
 Postgraduate Medical Journal
 Postgraduate Medicine
 Poultry Adviser
 Poultry International
 Poultry Science
 Praktische Tierarzt
 Pratique Médicale & Chirurgicale de l'Animal de Compagnie
 Praxis Veterinaria, Italy
 Prensa Médica Argentina
 Presse Médicale
 Preventive Veterinary Medicine
 Proceedings of Parasitology
 Proceedings of the Australian Society of Animal Production
 Proceedings of the Hawaiian Entomological Society
 Proceedings of the Helminthological Society of Washington
 Proceedings of the National Academy of Sciences of the United States of America
 Producția Animală, Zootehnie și Medicină Veterinară
 Protoplasma
 Przegląd Epidemiologiczny
 Public Health
 Radiologie
 Repositório de Trabalhos do Laboratório Nacional de Investigação Veterinária
 Research in Experimental Medicine
 Research in Veterinary Science
 Research Reports of the Rural Development Administration, Veterinary, Korea Republic
 Reviews of Infectious Diseases
 Revista Argentina de Micología
 Revista Argentina de Microbiología
 Revista Avicultura
 Revista Brasileira de Biologia
 Revista Brasileira de Genética
 Revista Clínica Española
 Revista Cubana de Ciencias Veterinarias
 Revista Cubana de Higiene y Epidemiología
 Revista Cubana de Medicina Tropical
 Revista da Faculdade de Medicina Veterinária e Zootecnia da Universidade de São Paulo
 Revista de Creșterea Animalelor
 Revista de Farmácia e Bioquímica da Universidade de São Paulo
 Revista de la Facultad de Ciencias Veterinarias, Universidad Central de Venezuela
 Revista de Medicina Veterinaria y de Zootecnia
 Revista de Medicina Veterinaria, Argentina
 Revista de Microbiología
 Revista de Patología Tropical
 Revista de Salud Animal
 Revista de Saúde Pública
 Revista do Hospital das Clínicas, Faculdade de Medicina da Universidade de São Paulo
 Revista do Instituto de Medicina Tropical de São Paulo
 Revista Goiana de Medicina
 Revista Latinoamericana de Microbiología
 Revue d'Elevage et de Médecine Vétérinaire des Pays Tropicaux
 Revue de l'Agriculture
 Revue de Médecine Interne
 Revue de Médecine Vétérinaire
 Revue de Nématologie
 Revue du Rhumatisme et des Maladies Osteo-Articulaires
 Revue Internationale des Services de Santé des Forces Armées
 Revue Scientifique et Technique, Office International des Epizooties
 Rivista di Coniglicultura
 Rivista Italiana di Piscicoltura e Ittiopatologia
 Rybovodstvo
 Salud Pública de México
 Saudi Medical Journal
 Sborník Vědeckých Prací Ústředního Státního Veterinárního Ústavu
 Scandinavian Journal of Immunology
 Scandinavian Journal of Infectious Diseases
 Schweizer Archiv für Tierheilkunde
 Schweizerische Medizinische Wochenschrift
 Science Progress
 Science, USA
 Sciences Vétérinaires Médecine Comparée

- Scottish Medical Journal
 SEAMEO Quarterly
 Sel'skokhozyalstvennaya Biologiya, Biologiya Zhivotnykh
 Semaine des Hôpitaux de Paris
 Seminars in Respiratory Medicine
 Seminars in Veterinary Medicine and Surgery (Small Animal)
 Serie de Bibliograficas, Centro Panamericano de Zoonosis,
 Organizacion Panamericana de la Salud, WHO
 Serodiagnosis and Immunotherapy in Infectious Disease
 Sexually Transmitted Diseases
 Shell Agriculture
 Sichuan Journal of Zoology
 Sinet
 South African Medical Journal
 Southeast Asian Journal of Tropical Medicine and Public Health
 Steroids
 Studia Biophysica
 Summa
 Suomen Eläinlääkärilehti
 Svensk Veterinärtidning
 Taiwan Journal of Veterinary Medicine and Animal Husbandry
 Technical Communication, Department of Agriculture and Water
 Supply, South Africa.
 Texas Medicine
 Theriogenology
 Therios
 Thorax
 Tierärztliche Umschau
 Tijdschrift voor Diergeneeskunde
 Tijdschrift voor Therapie, Geneesmiddel en Onderzoek
 Toxicology and Applied Pharmacology
 Transactions of the American Fisheries Society
 Transactions of the American Microscopical Society
 Transactions of the Royal Society of Tropical Medicine and Hygiene
 Transplantation
 Trends in Ecology and Evolution
 Tropical and Geographical Medicine
 Tropical Animal Health and Production
 Tropical Doctor
 Tropical Medicine and Parasitology
 Tropical Veterinarian
 Tropicultura
 Trypanotolérance et Production Animale
 Tsitologiya
 Türk Hijyen ve Deneysel Biyoloji Dergisi
 Ugeskrift for Læger
 Unavicoltura
 Uzbekskii Biologicheskii Zhurnal
 Vaccine
 Věstník Československé Společnosti Zoologické
 Vestnik Sel'skokhozyalstvennoi Nauki Kazakhstana
 VET
 Veterinaria Argentina
 Veterinaria, Uruguay
 Veterinaria, Yugoslavia
 Veterinariya, Moscow
 Veterinarna Sbirka
 Veterinarnaya Nauka - Proizvodstvu
 Veterinární Medicina
 Veterinarski Arhiv
 Veterinarski Glasnik
 Veterinářství
 Veterinary and Human Toxicology
 Veterinary Clinical Pathology
 Veterinary Clinics of North America, Food Animal Practice
 Veterinary Clinics of North America, Small Animal Practice
 Veterinary Immunology and Immunopathology
 Veterinary Medical Review, German Federal Republic
 Veterinary Medicine
 Veterinary Parasitology
 Veterinary Pathology
 Veterinary Quarterly
 Veterinary Record
 Veterinary Research Communications
 Veterinary Technician
 Veteriner Fakültesi Dergisi, Ankara Üniversitesi
 Veteriner Fakültesi Dergisi, Selçuk Üniversitesi
 Vlaams Diergeneeskundig Tijdschrift
 Vox Sanguinis
 Vrachebnoe Delo
 Water Engineering and Management
 Water Science and Technology
 Weekly Epidemiological Record
 West Indian Medical Journal
 Western Journal of Medicine
 WHO Chronicle
 Wiadomości Lekarskie
 Wiadomości Parazytologiczne
 Wiener Tierärztliche Monatsschrift
 World Animal Review
 World Health Forum
 World Health Organisation Technical Report Series
 Zaštita Bilja
 Zbornik Biotehniške Fakultete Univerze Edvarda Kardelja v
 Ljubljani, Veterinarstvo
 Zeitschrift für die Binnenfischerei der DDR
 Zeitschrift für Klinische Medizin
 Zeitschrift für Lebensmittel-Untersuchung und -Forschung
 Zeitschrift für Naturforschung, C (Biosciences)
 Zeitschrift für Versuchstierkunde
 Zentralblatt für Bakteriologie, Mikrobiologie und Hygiene, A
 Zentralblatt für Gynäkologie
 Zeszyty Naukowe Akademii Rolniczej we Wrocławiu, Weterynaria
 Zimbabwe Veterinary Journal
 Zoologicheskii Zhurnal
 Zoologische Garten
 Zoologischer Anzeiger
 Życie Weterynaryjne

CAB INTERNATIONAL INFORMATION SERVICES PRODUCTS AND SERVICES

Almost 100 scientists/linguists in the 11 Bureaux of CABI's Information Services at Wallingford, UK, with help from associated organizations and individuals worldwide, abstract and index the significant research and development literature in agriculture, forestry and allied disciplines. Over 10,000 serials and many other publications are scanned, and approximately 130,000 bibliographic records are compiled each year. From this computerized database is derived a wide range of information services and products in hard copy and machine-readable form, designed to meet a variety of customer needs.

HARD COPY PRODUCTS

Abstract journals

The following abstract journals on specific disciplines, specialist crops or products, or particular livestock are published, mostly monthly or quarterly. Each has author and subject indexes, cumulated annually in a special issue of the journal.

Animal Science and Production

Animal Breeding Abstracts; Dairy Science Abstracts; Nutrition Abstracts & Reviews, Series B—Livestock Feeds & Feeding; Pig News & Information; Poultry Abstracts.

Veterinary Science and Parasitic Diseases

Helminthological Abstracts; Index Veterinarius; Protozoological Abstracts; Review of Medical & Veterinary Entomology; Review of Medical & Veterinary Mycology; Veterinary Bulletin.

Crop Science and Production

Crop Physiology Abstracts; Faba Bean Abstracts; Field Crop Abstracts; Herbage Abstracts; Horticultural Abstracts; Irrigation & Drainage Abstracts; Maize Abstracts; Ornamental Horticulture; Plant Breeding Abstracts; Plant Growth Regulator Abstracts; Postharvest News and Information; Potato Abstracts; Rice Abstracts; Seed Abstracts; Soils & Fertilizers; Sorghum & Millets Abstracts; Soyabean Abstracts; Wheat, Barley & Triticale Abstracts.

Forestry

Agroforestry Abstracts; Forest Products Abstracts; Forestry Abstracts.

Crop Protection

Biocontrol News & Information; Nematological Abstracts; Review of Agricultural Entomology; Review of Plant Pathology; Weed Abstracts.

Economics, Development and Sociology

Leisure, Recreation & Tourism Abstracts; Rural Development Abstracts; World Agricultural Economics & Rural Sociology Abstracts.

Machinery and Buildings

Agricultural Engineering Abstracts.

Human Nutrition

Nutrition Abstracts & Reviews, Series A—Human & Experimental.

Biotechnology/Biodeterioration

AgBiotech News & Information; Biodeterioration Abstracts.

Also published is a series of current awareness publications (CAB Prompts) on specific crops. Subject indexes are not provided. Titles in the series so far are: *Groundnuts* and *Chickpeas/Pigeonpeas*. In addition, many retrospective compilations of abstracts (Annotated Bibliographies) on various topics are available on demand.

SDI Service

SDI (Selective Dissemination of Information) is a regular current awareness service based on the most recent input to the database. Subscribers decide their own search profile and receive search results at intervals of their choice, either as computer printout or on floppy discs suitable for most microcomputers. Airmail ensures fast delivery.

CAB Alerts

This is a special SDI service providing subscribers each month with the search results from standard profiles chosen by CABI. Numerous titles are available and the list is regularly updated to reflect new subject interests. Output is available on computer printout posted by airmail.

MACHINE-READABLE PRODUCTS AND SERVICES

Online Access

The machine-readable database, known as CAB ABSTRACTS, is publicly accessible online through DIALOG Information Services (USA), BRS Information Technologies (USA), ESA-IRS (Italy), DIMDI (GFR), JICST (Japan), CAN-OLE (Canada) and Tsukuba Daigaku (Japan). The whole database back to 1973 contains over 2 million records. Search aids include the CAB ABSTRACTS Online Manual, the CAB Thesaurus (1988 Edition) and the CAB International Serials Checklist (1988).

CAB ABSTRACTS on Compact Disc

The database is also available on CD-ROM (Compact Disc Read Only Memory). Volume one contains bibliographic citations and abstracts for 1984–86; the second volume contains the 1987–89 data. CD-ROM technology provides an online search capability without the worries of cost or telecommunication problems. An IBM or fully IBM-compatible PC, 640 K RAM, MS-DOS or PC-DOS version 2.1 or higher, and a CD-ROM player are needed. The SPIRS (SilverPlatter Information Retrieval System) software allows maximum search flexibility.

Magnetic tapes

Organizations with access to mini or mainframe computers may lease all or part of CAB ABSTRACTS on magnetic tape. Update tapes are issued monthly, and retrospective tapes as required.

OTHER PRODUCTS AND SERVICES

Document Delivery Service

Photocopies of originals of most articles included in the database are available from CABI Library Services, Silwood Park, Ascot, UK. Documents may also be ordered online via DIALOG's DIALORDER or ESA/IRS's PRIMORDIAL.

Books and serial publications

CABI publishes authoritative reference books, directories and serial publications, the latter including *Bulletin of Entomological Research*, *Outlook on Agriculture*, *Index of Current Research on Pigs*, *Distribution Maps of Pests*, *Distribution Maps of Plant Diseases*, *Bibliography of Systematic Mycology*, *Descriptions of Pathogenic Fungi & Bacteria*, *Index of Fungi*, and *Systema Ascomycetum*. CABI is a co-sponsor of the International Food Information Service which publishes *Food Science & Technology Abstracts*.

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The Organization

CAB International (CABI) is an international, inter-governmental organization registered with the United Nations. It is owned and administered by its member governments; these currently number 29, but membership is open to all governments who wish to participate. Established in 1928, the organization provides information, scientific, and development services for agriculture and allied disciplines throughout the world.

Information Services

The main task of the Information Services, located at the CAB International Centre (CABIC) at Wallingford, is the creation of a bibliographic database of research on agriculture, forestry and allied disciplines, including social sciences and aspects of human medicine. Abstract journals derived from the database, and online access to it, provide a unique source of information for research scientists, development planners, educators and students. Subsidiary but growing tasks are the publication of primary journals and reference works, and training information professionals in developing countries.

The Accessions Unit acquires the relevant scientific and technical literature (ca 10,000 serials and over 5,000 other publications annually) for abstracting by almost 100 scientists/linguists in the following 11 Bureaux:

- Agricultural Economics
- Animal Breeding & Genetics
- Animal Health
- Dairy Science & Technology
- Nutrition
- Pastures & Field Crops
- Crop Protection
- Horticulture & Plantation Crops
- Plant Breeding & Genetics
- Soils
- Forestry

Further material is acquired and processed by collaborating or contracted organizations. Other staff coordinate work on specialized directories and databanks, and commission new books and primary journals. The Publications Unit is responsible for printing the journals and books, and the Marketing & Sales Division promotes and sells Information Services products and services world-wide (see inside back cover for details).

Scientific Services

CABI's Scientific Services consist of four institutes and two support services:

CAB International Institute of Entomology (CIE), Director Dr K.M. Harris, located at 56 Queen's Gate, London, and in the British Museum, Natural History.

CAB International Mycological Institute (CMI), Director Professor D.L. Hawksworth, located at Ferry Lane, Kew, London, adjacent to the Royal Botanic Gardens.

CAB International Institute of Parasitology (CIP), Director Dr R. Muller, located at Winches Farm, St Albans, the field station of the London School of Hygiene & Tropical Medicine.

These three Institutes provide an authoritative identification service for agricultural pests and other organisms, conduct research, implement projects, and provide training in their fields of expertise.

CAB International Institute of Biological Control (CIBC), Director Dr D.J. Greathead, has its headquarters at Silwood Park, Ascot, the field station of Imperial College of Science and Technology, University of London. It has stations in Trinidad and Tobago, Switzerland, Pakistan, Kenya and Malaysia. It provides biocontrol services, conducts training, and participates in integrated pest management programmes.

Development Services, (CDS), Head Mr D. Heydon, integrate the broad range of CABI expertise to provide advice and assistance with agricultural problems, but particularly those related to pest management and information services.

Library Services, Manager Mr C.J. Hamilton, have their headquarters with CIBC at Silwood Park, where the main Library is held, with additional literature collections at CMI, CIP, CDS and CABIC. Library Services operate a Document Delivery Service.

Systems

The Systems Division provides computing resources and services to all parts of CABI. It maintains a central computing facility with telecommunications access to seven remote sites, including four CABI Institutes. CABIC is served by a modern Local Area Network which provides access to the computers, and by advanced office automation facilities. The main computers are DEC VAX systems and the principal software systems are BASIS for data management and information retrieval and PAGER for typesetting.

The staff of 20 includes database production personnel, systems analysts, programmers and computer operators. The principal systems are for the production of the CABI bibliographic database and associated functions, plus accessions control, subscription management and electronic publishing.

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